

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN INCHES[MILLIMETERS]

PRF01-J-C-EP-190-SS

SERIES  
-01: SMA

GENDER  
-J: JACK

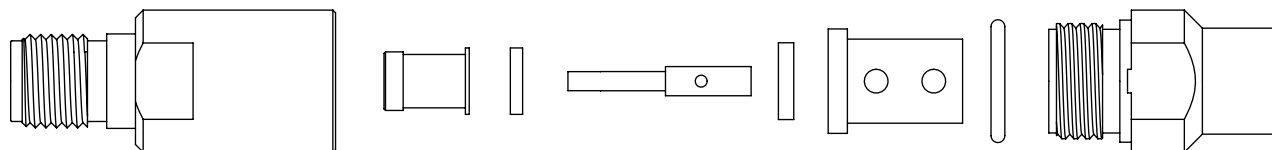
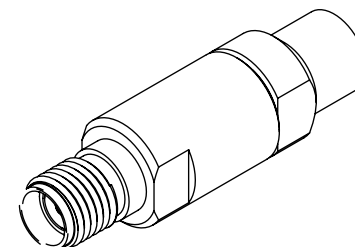
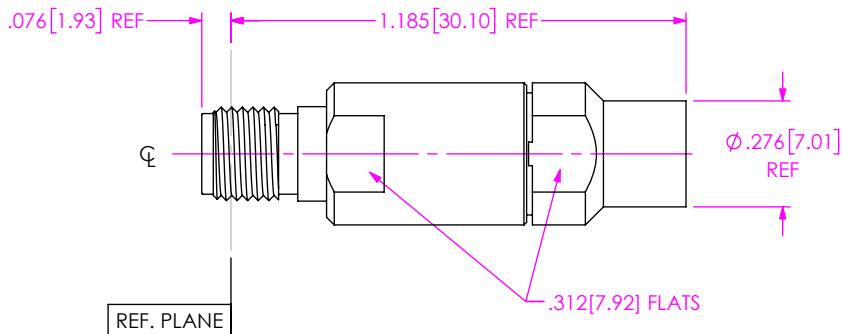
TYPE  
-C: CABLE

FINISH  
-EP: 50µ" EXTRA HEAVY GOLD CENTER CONTACT, PASSIVATED OUTER CONTACT

TERMINATION  
-S: SOLDER CLAMP

ORIENTATION  
-S: STRAIGHT


CABLE TYPE  
-190: SEMFLEX HP190

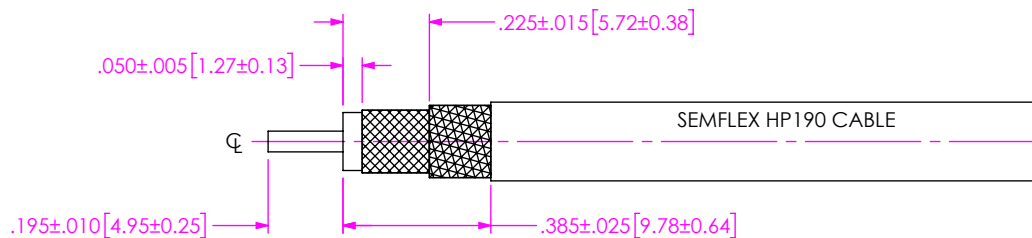


EXPLODED VIEW  
NOT TO SCALE  
(FOR CLARITY ONLY)

NOTES:

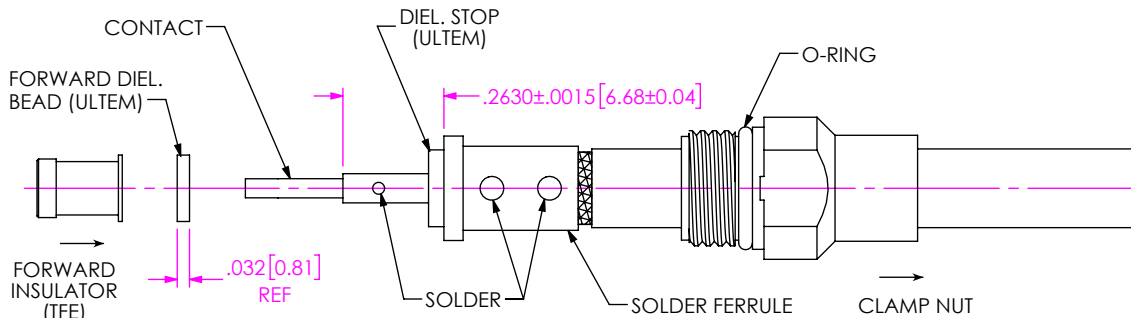
- MATERIAL:  
 BODY & CLAMP NUT: STAINLESS STEEL.  
 SOCKET: BERYLLIUM COPPER.  
 SOLDER FERRULE: BRASS.  
 O-RING: SILICONE RUBBER.  
 INSULATORS: PTFE.  
 DIELECTRIC BEADS: ULTEM 1000.
- FINISH:  
 BODY & CLAMP NUT: PASSIVATED.  
 SOCKET & SOLDER FERRULE: GOLD OVER NICKEL PLATE,  
 50 µIN MIN GOLD OVER 50 µIN MIN NICKEL.
- PCI P/N: 3295.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS                      ANGLES .XX: ±.01 [0.3]                      1° .XXX: ±.005 [0.13] .XXXX: ±.0005 [0.013]	* PROPRIETARY NOTE * THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.	 520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733    FAX: 812-948-5047 e-Mail info@SAMTEC.com    code 55322
		DESCRIPTION: SMA JACK, SOLDER CLAMP FOR SEMFLEX HP190 CABLE
DO NOT SCALE DRAWING                      SHEET SCALE: 2:1		DWG. NO. PRF01-J-C-EP-190-SS
		BY: SAMUEL C    08/10/2020    SHEET 1 OF 2



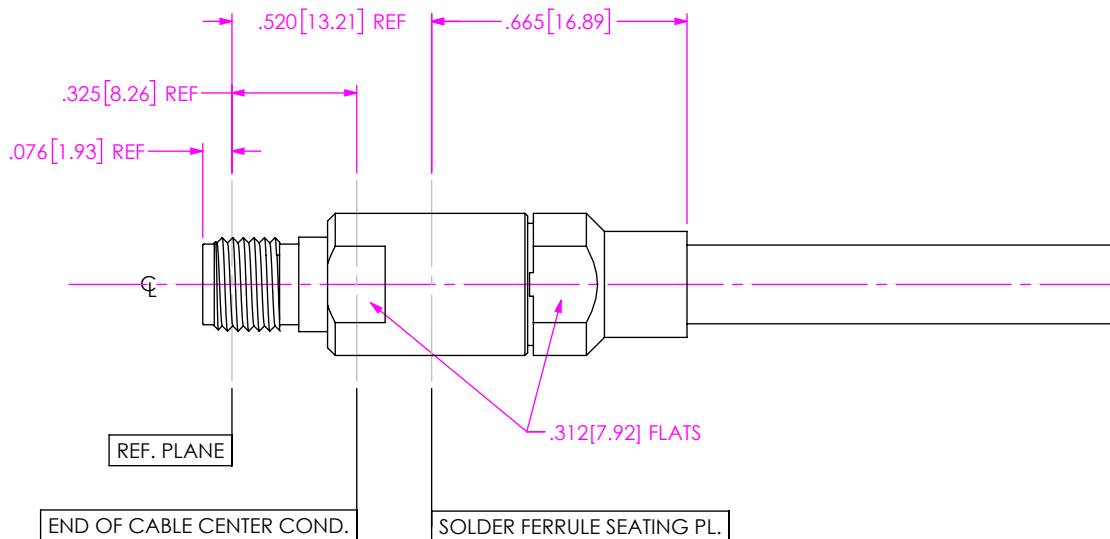
1. TRIM CABLE AS SHOWN.

IN-PROCESS 1



- 2A. SLIDE CLAMP NUT OVER CABLE AS SHOWN.
- 2B. SOLDER CABLE TO SOLDER FERRULE WITH DIELECTRIC FLUSH WITH FACE OF FERRULE.
- 2C. SLIDE DIELECTRIC STOP (  $.200$  [5.08] OD) OVER CABLE CENTER CONDUCTOR AND SOLDER CONTACT FLUSH TO STOP TO DIMENSION SHOWN.
- 2D. SLIDE FORWARD INSULATOR & DIELECTRIC BEAD (  $.173$  [4.39] OD) ONTO CONTACT.

IN-PROCESS 2



3. INSERT CABLE/CONTACT SUB-ASSEMBLY INTO CONNECTOR UNTIL SEATED AND TIGHTEN CLAMP NUT TO 25-35 IN-LBS.

IN-PROCESS 3

**PROPRIETARY NOTE**  
 THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

**samtec**  
 520 PARK EAST BLVD, NEW ALBANY, IN 47150  
 PHONE: 812-944-6733 FAX: 812-948-5047  
 e-Mail info@SAMTEC.com code 55322

DO NOT SCALE DRAWING  
 SHEET SCALE: 2:1

DESCRIPTION: SMA JACK, SOLDER CLAMP FOR SEMFLEX HP190 CABLE

DWG. NO. PRF01-J-C-EP-190-SS

BY: SAMUEL C 08/10/2020 SHEET 2 OF 2